

SDX 600 Series

XGS-PON Optical Network Terminals (ONTs)



10

Gbps



Zero-Touch



Analytics

Benefits

- **Deliver Cost-Effective Converged Residential and Business Services**
- **Zero-touch Service Provisioning Eliminates Truck Rolls for Service Upgrades**
- **Manage an End-to-End PON Deployment with Productivity Tools for Monitoring, Troubleshooting, Provisioning, and Upgrading Networks**
- **Traffic Management Through Priority Queueing, Scheduling, Policing, and Traffic Shaping**

Overview

The ADTRAN® SDX 600 Series of XGS-PON Optical Network Terminals (ONTs) are designed to address the market with industry-leading voice, data, and video capabilities. Service providers will benefit from the high data rates of fiber optic transmission and the flexibility offered by ADTRAN's portfolio of Ethernet-based technology. In addition, these solutions support demanding residential and business gigabit services, cloud services, and remote work.

Expanding network capability requires next-generation 10G architectures. These architectures offer both the capacity and scale to economically support gigabit services and multi-gigabit demands well into the future. The SDX 600 Series provides a path to high-bandwidth applications by utilizing a fixed or flexible optics approach. This enables service providers to support existing FTTH subscribers while delivering the price needed for mass-market residential and business applications.

ADTRAN offers a comprehensive portfolio of indoor and outdoor XGS-PON ONTs for single-family unit (SFU), small- to medium-sized business (SMB), and enterprise deployments. In addition, service providers are offered an array of options to address all subscriber utilization needs, from the growing smart home to the small business startup.

The SDX 600 Series of ONTs work in concert with Mosaic One, ADTRAN's intelligent Software as a Service (SaaS) management suite. Mosaic One helps to accelerate the expansion of gigabit broadband services through zero-touch service activation and unmatched network analytics and visibility. Experience the benefits of end-to-end network management with Mosaic One and deliver an exceptional subscriber experience.

SDX 600 SERIES

Portfolio Summary



SDX 621i
1GE ONT



SDX 602x
10GE ONT with SFP+ WAN



SDX 622v
10GE/2.5GE ONT with VoIP

	602x	620s	621	621i	622v	622vh	624v
Access Technology	XGS-PON	XGS-PON	XGS-PON	XGS-PON	XGS-PON	XGS-PON	XGS-PON
VoIP	-	-	-	-	2	2	2
1G UNI	1	-	-	1	-	1	3
2.5G UNI	-	-	-	-	1	-	-
10G UNI	1 SFP+	1 SFP+	1	-	1	1	1
Features	SFP+ WAN	SFP+ ONT	-	-	-	Outdoor	-

Ordering Information

Equipment		Part No.
SDX 602x	10GE XGS-PON ONT with SFP+ WAN	1287820F2
SDX 620s	XGS-PON SFP+ ONT	1287840F1
SDX 621	10GE XGS-PON ONT	1287830Fx*
SDX 621i	1GE XGS-PON ONT	1287844Fx*
SDX 622v	10GE/2.5GE XGS-PON ONT with VoIP	1287843Fx*
SDX 622vh	Hardened 10GE/1GE XGS-PON ONT with VoIP	1287845F1
SDX 624v	10GE/1GE XGS-PON ONT with VoIP	1287846Fx*

*ONTs available in NA (F1), UK (F2), EU (F3), and AUS/NZ (F4) versions



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ISO 9001
ISO 14001
TL 9000